

Fig. 1
(Prior Art)

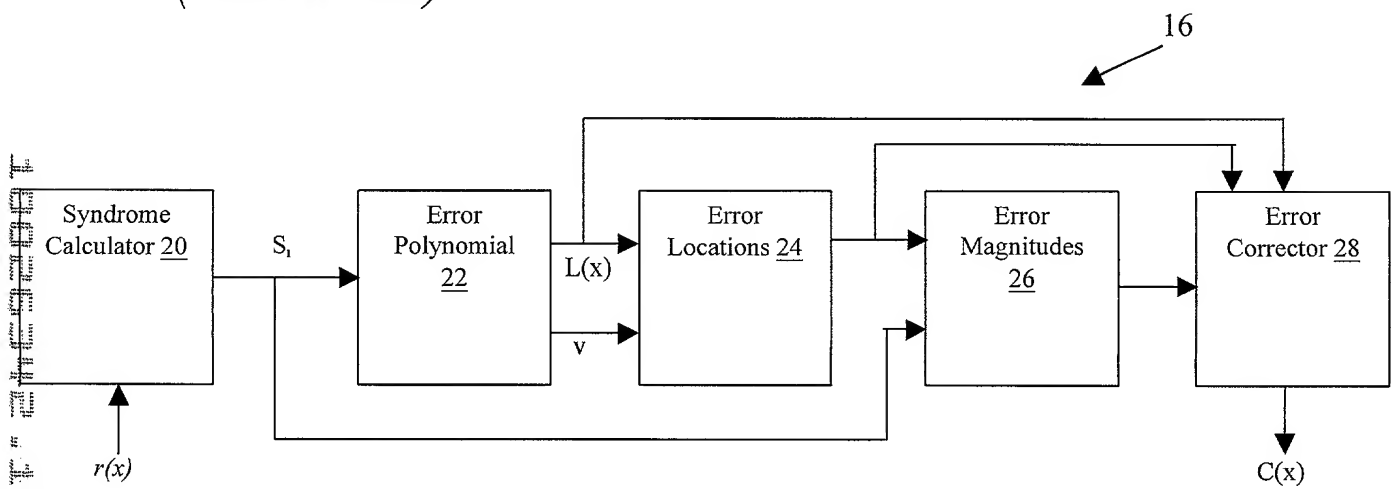
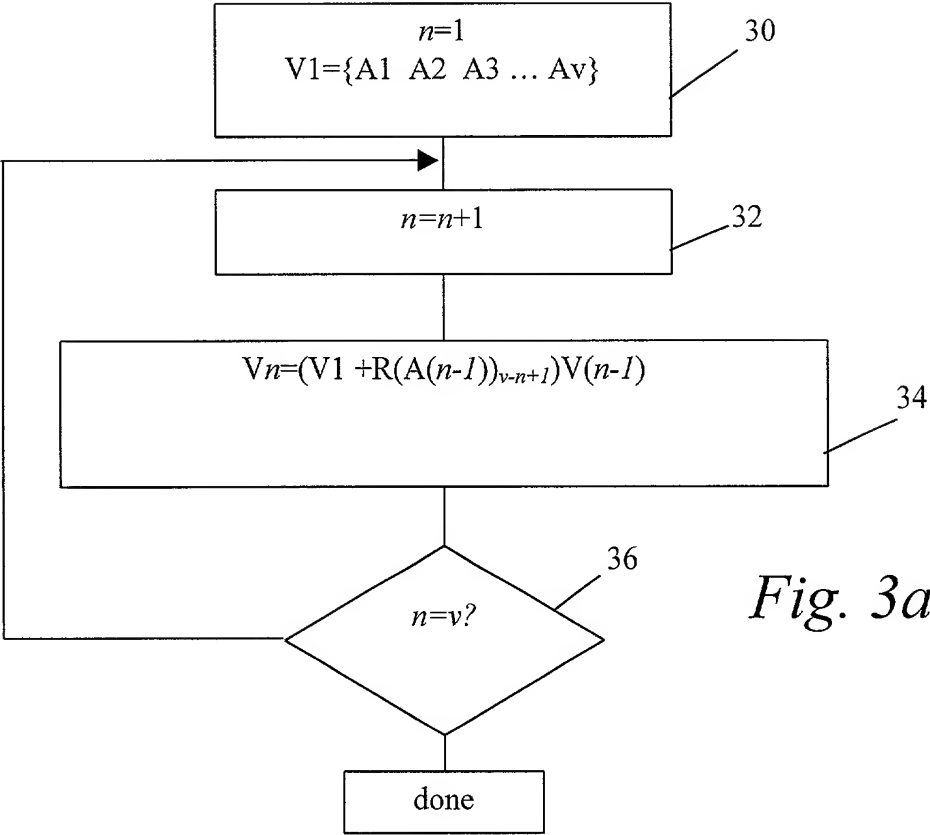


Fig. 2



n	1	2	3
V1	{A1 A2 A3}	{X A2 A3}	{X X A3}
V(n-1)	-	{X A2 A3}	{X X A3(A1+A3)}
R(A(n-1))v-n+1		{X A1 A1}	{X X A2}
V1+R(A(n-1))v-n+1		{X A1+A2 A1+A3}	{X X A2+A3}
(V1+R(A(n-1))v-n+1)*V(n-1)		{0 A2(A1+A2) A3(A1+A3)}	{0 0 A3(A1+A3)(A2+A3)}

Fig. 3b

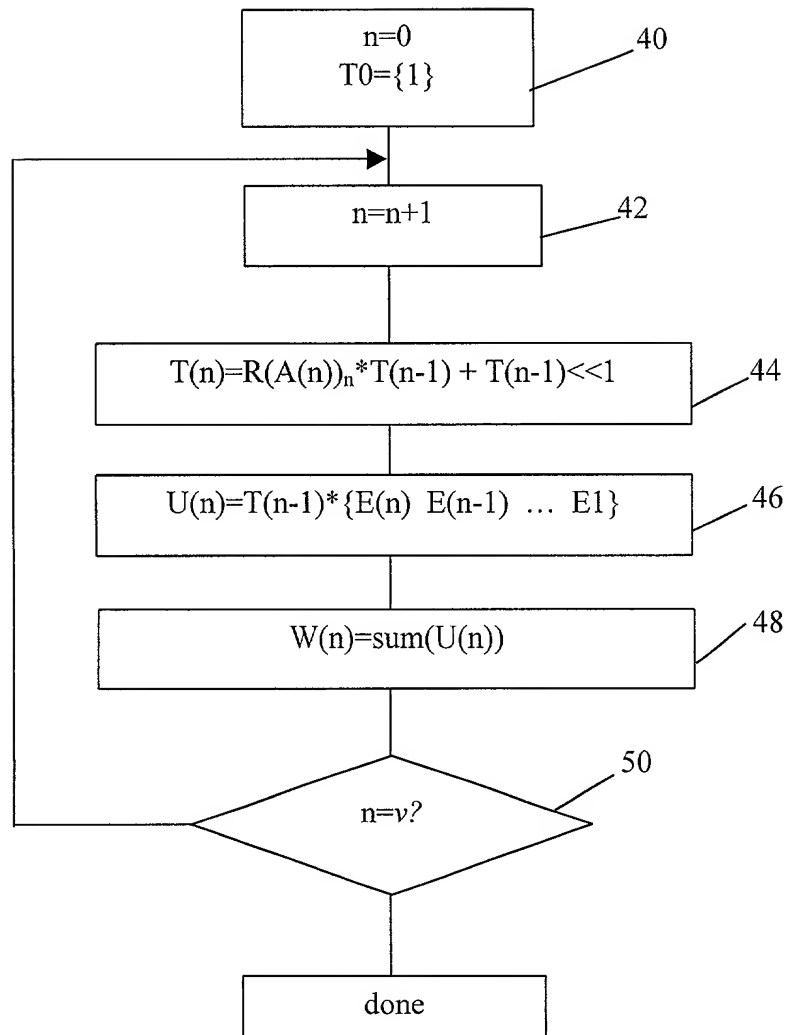


Fig. 4a

n	0	1	2	3
$T(n-1)$	-	{1}	{1 A1}	{1 A1+A2 A1A2}
$R(A(n))_n$	-	{A1}	{A2 A2}	{A3 A3 A3}
$R(A(n))_n * T(n-1)$	-	{A1}	{A2 A1A2}	{A3 A3(A1+A2) A1A2A3}
$T(n-1) \ll 1$	-	{1 0}	{1 A1 0}	{1 A1+A2 A1A2 0}
$T(n)$	{1}	{1 A1}	{1 A2+A1 A1A2}	{1 A1+A2+A3 A1A3+A2A3+A1A2 A1A2A3}

Fig. 4b

n	0	1	2	3
{E}	-	{E1}	{E2 E1}	{E3 E2 E1}
$U(n)$	-	{E1}	{E2 A1E1}	{E3 E2A1+E2A2 E1A1A2}
$W[n]$	-	E1	E2+A1E1	E3+E2A1+E2A2+E1A1A2 =E3+E2A1+A2(E2+E1A1)

Fig. 4c

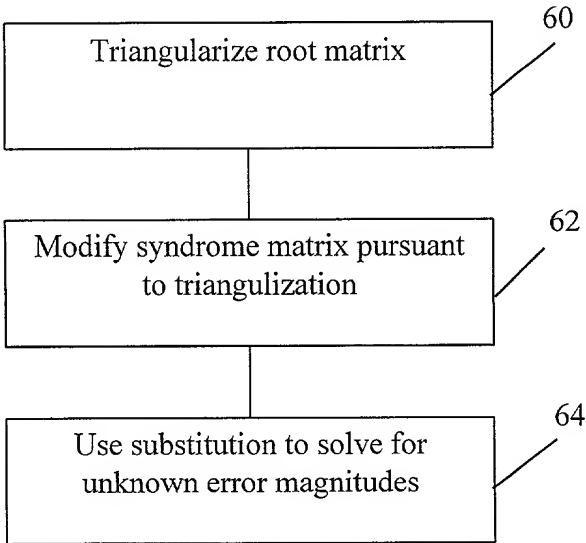


Fig. 5